LASERTEX | **DIRECT**

HIGHEST PRODUCTIVITY & REPRODUCIBILITY

Macsa id
Securing your brand DNA



SINGLE DIRECT WITH MANNEQUIN

- Automated multiple positioning system
- Lateral slide movement
- Safety optical barriers
- Two independent loading mannequins
- Faster exchanging garment
- Direct vision of the working area
- Intelligent vision positioning system
- RUBBER FREE mannequin system
- (TWIN laser system available)

SCRAPPING EFFECTS

Several filters can be used that will simulate any kind of hand-sanding effect



POPPING EFFECTS

The simple way to create and burn whatever shape is needed.



RIPPER EFFECT

The easiest way to produce a distressed look in a fraction of the time.



HIGH DYNAMIC RANGE

The way to improve and increase your productivity with higher definition and higher quality, and a natural effect.



PP SPRAY EFFECTS

Achieve exactly the same effect as the traditional method without any chemicals.



Lasertex by MACSA id

High-end laser machines

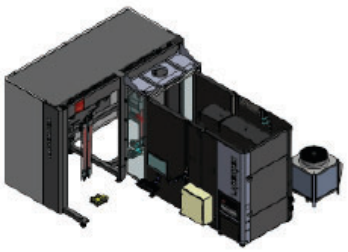
MADE IN SPAIN

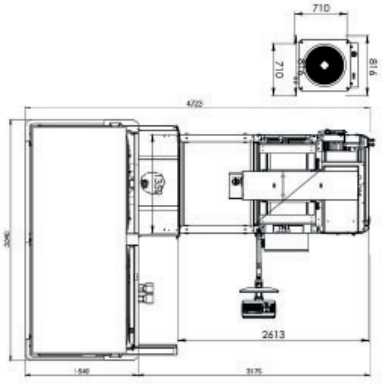


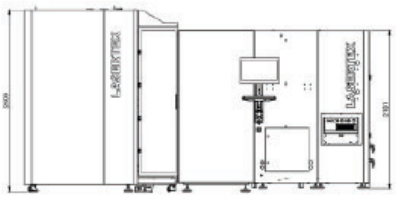


SUSTAINABLE SOLUTIONS FOR THE DENIM INDUSTRY

WAVELENGTH: 10,6µm	LASER SOURCE: Free maintenance CO2 sealed resonator
SYSTEM MODEL: 45iX	SCANNING HEAD: 3-D axis scanning head with ultra high speed mirrors
LASER DIMENSIONS	Head: 607 x 229 x 159 mm by 2 units
	Rack: 481 x 355 x 800 mm by 2 units
	Resonator: 1250 x 430x 521 mm by 2 units
	Net Weight: 290 kg by 2 units total 580 kg
POSITIONING SYSTEM	Working area: 1200 x 1200 & 800 x 800 mm
	Working distance: 1450 mm
	Positioning system with camera.
	100% repeatability and positioning accuracy
SOFTWARE	MARCA full graphic interface. Free annual upgrade
USER'S INTERFACE	LCD flat PC panel integrated with MARCA software with 3-D movable arm
CONTROL	Dongle key with supervisor's access + Ethernet TCP/IP cable
RESONATOR	CO2 sealed tube + RF
ENVIRONMENTAL CONDITIONS	
AMBIENT TEMPERATURE LASER ROOM	from 22°C to 25°C
HUMIDITY	<45% with no condensation
AREA	Area with no vibrations
LASER REFRIGERATOR	Water cooled
FLOW RATE	8 lt/min
HEAT LOAD	8 Kw by 2 units
VOLUME TANK	26 Liters by 2 units
REFRIGERANT TANK	R134a
CHILLER VOLTAGE	400v 3 Phase + GND - 50/60Hz - 9.2Kw by 2 units
SIZE	710 x 820 x 930 mm by 2 units
NET WEIGTH	1060 Kg
LASERTEX	
DIMENSIONS	2658x1490x2181mm (Laser) / 3340x1548x2500mm (MD)
NET WEIGTH	1300Kg (Laser) / 975Kg (MD) total 2275Kg
VOLTAGE	400v 3 Phase + GND - 50/60Hz - 8,5Kw
	220v 1 Phase + GND 50/60Hz - 2,2Kw 10Amp (MD)
MANNEQUIN SYSTEM	Dimensions Mannequin 3336 x 2103 x 2500 mm
TWO MARKING POSITIONS	Front & Back
FOUR MARKING POSITIONS	Front, Right Side, Back and Left Side
DIMENSIONS	Required area 3340 x 4723 mm.
NET WEIGHT	975 Kg
POWER LINE	Power line not shared with laser machine electric equipment
POWER CONSUMPTION	220v AC 50Hz 2P+E (L1+L2+E) 2,2 Kw 10 Amp.
AIR CONSUMPTION	6 Bar







HIGH-END LASER MACHINES MADE IN SPAIN FOR SUSTAINABLE FINISHING PROCESSES

LASER TECHNOLOGY AVOIDS THE USE OF HAND-SANDING, PP SPRAYING PROCESSED OR HAND-SANDING WHILE INCREASING PRODUCTION CAPACITY SUBTANTIALLY AT THE SAME TIME.

BEST-IN-CLASS COST FOR OWNERSHIP IS GUARANTEED WITH NO NEED FOR EXPENSIVE CONSUMABLES AND WITH ONLY MINIMAL MAINTENANCE REQUIRED. A LASER IS NOT ONLY ENVIRONMENTALLY FRIENDLY, BUT IT IS ALSO KIND TO THOSE HANDS-ON TEAM MEMBERS RESPONSIBLE FOR THE FINISHING PROCESS, BY ELIMINATING THE DYES, SOLVENTS OR CHEMICALS TYPICAL USED IN TRADITIONAL PROCESSES.

LASERTEX SERIES PRODUCTS PROVIDE A PROVEN, ROBUST AND DURABLE SOLUTION FOR YEARS OF TROUBLE-FREE PRODUTION. IN ADDITON, THEY ARE CAPABLE OF WORKING WITH COMPLEX DESIGNS AND HIGH-RESOLUTION IMAGES TO KEEP UP WITH THE LATEST FASHION INDUSTRY TRENDS.

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